

AMENDMENTS TO THE CLAIMS

Please amend claims 1 and 6, such that the status of the claims is as follows:

1. (Currently amended) In a system for dynamically planning a maintenance check of an aircraft, a method for recording and analyzing reliability data for the aircraft, the method comprising:

obtaining and logging warranty-based reliability data from maintenance records generated during the performance of ~~any~~ routine ~~or~~ and non-routine maintenance tasks ~~that may exist~~, and which pertain to rotatable parts of the aircraft;

obtaining and logging maintenance program-based reliability data from maintenance records generated during the performance of ~~any~~ non-routine maintenance tasks ~~that may exist~~;

identifying for each non-routine maintenance task, a routine maintenance task whose performance resulted in the generation of the non-routine maintenance task;

obtaining and logging maintenance program-based reliability data from maintenance records generated during the performance of ~~any~~ the identified routine maintenance tasks ~~that may exist~~; and

analyzing and reporting the warranty-based reliability data and the maintenance program-based reliability data.

2. (Original) The method of claim 1 wherein the warranty-based reliability data is reported for use in generating warranty reports for the rotatable parts of the aircraft.

3. (Original) The method of claim 1 wherein the maintenance program-based reliability data is reported for use in generating reports on modifications to an Maintenance Review Board document.

4. (Original) The method of claim 1 wherein the method is operated over a communication medium operably connected to a plurality of input/output devices each having means for inputting and outputting information.

5. (Original) The method of claim 4 wherein the communication medium is the digital communication network.

6. (Currently amended) A system for recording and analyzing reliability data for an aircraft during a dynamically-planned maintenance check of the aircraft, the system comprising:

means for obtaining and logging warranty-based reliability data from maintenance records generated during the performance of ~~any~~ routine ~~or~~ and non-routine maintenance tasks ~~that may exist~~, and which pertain to rotatable parts of the aircraft;

means for obtaining and logging maintenance program-based reliability data from maintenance records generated during the performance of ~~any~~ non-routine maintenance tasks ~~that may exist~~;

means for identifying for each non-routine maintenance task, a routine maintenance task whose performance resulted in the generation of the non-routine maintenance task;

means for obtaining and logging maintenance program-based reliability data from maintenance records generated during the performance of ~~any~~ the identified routine maintenance tasks ~~that may exist~~; and

means for analyzing and reporting the warranty-based reliability data and the maintenance program-based reliability data.

7. (Original) The system of claim 6 wherein the warranty-based reliability data is reported for use in generating warranty reports for the rotatable parts of the aircraft.

8. (Original) The system of claim 6 wherein the maintenance program-based reliability data is reported for use in generating reports on modifications to an Maintenance Review Board document.

9. (Original) The system of claim 6 wherein the system is implemented over a communication medium operably connected to a plurality of input/output devices each having means for inputting and outputting information.

10. (Original) The system of claim 9 wherein the communication medium is the digital communication network.